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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 1, 2004 (use as many sheets as necessary)				Complete if Known	
				Application Number	Unassigned
				Filing Date	03/01/2004
				First Named Inventor	John GAUGHAN
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	044499-0197

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RWI	A1	4,814,966		EKSTRAND	03-21-1989	
	A2	4,914,540		TABATA et al.	04-03-1990	
	A3	5,585,994		TAMAI et al.	12-17-1996	
	A4	5,886,558		IIJIMA et al.	03-23-1999	
	A5	6,229,682	B1	MECHANIC	05-08-2001	
	A6	6,268,990	B1	OGURA et al.	07-31-2001	
	A7	6,404,016	B1	HIGUCHI et al.	06-11-2002	
	A8	6,483,365	B2	MORISHITA	11-19-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
RWI	A9	HOWARD LLOYD, "Another Darlington Pair Speed Control", Electronics in Meccano www.eleimtec.com/article.asp?21 , June 8, 2002, 4 pages.	

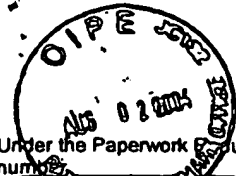
Examiner Signature	<i>Ronald M. Lira</i>	Date Considered	12/9/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 3, 2004 (use as many sheets as necessary)		Complete if Known	
		Application Number	10/788,421
Sheet	1	Filing Date	03/01/2004
	of	First Named Inventor	John GAUGHAN
	1	Group Art Unit	2836
		Examiner Name	Unassigned
		Attorney Docket Number	044499-0197

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
B1	B1	4,560,851		TSUKAMOTO et al.	12-24-1985	
	B2	5,774,315		MUSSENDEN	06-30-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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Examiner Signature	<i>Ronald M. Lira</i>	Date Considered	<i>12/2/04</i>
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